



1 ELECTRICAL FIFTH FLOOR POWER AND SYSTEMS PLAN  
SCALE: 1/8" = 1'-0"

**KEY NOTES**

- 1 REFER TO THE TYPICAL DORM SUITE POWER AND SYSTEMS LAYOUT ON THIS SHEET FOR QUANTITY AND LOCATIONS OF DEVICES TO BE INSTALLED WITHIN THIS ROOM. PROVIDE BRANCH CIRCUITS TO THE RECEPTACLES WITHIN EACH ROOM AS INDICATED BY THE BOXED CIRCUIT NUMBERS.
- 2 480V, 3P, 60A UN-FUSED ELEVATOR CONTROLLER DISCONNECT SWITCHES SHALL BE EQUIPPED WITH AUXILIARY CONTACT FOR CONNECTION TO ELEVATOR CONTROLLER TO DISENGAGE THE ELEVATOR EMERGENCY BATTERY LOWERING MECHANISM WHEN THE DISCONNECT SWITCH IS IN THE OPEN POSITION. FURNISH AND INSTALL CONDUIT AND WIRING FROM THE CONTROL CIRCUIT OF THE ELEVATOR CONTROLLER TO EACH CONTACT IN SERIES. DISCONNECT SWITCH SHALL BE LOCKABLE IN THE OPEN POSITION.
- 3 RESIDENT SUITE COMBINATION SMOKE/CO DETECTORS AND HEAT DETECTOR SHALL BE EQUIPPED WITH SOUNDER BASES AND BE WIRED SUCH THAT IN THE EVENT OF ONE OF THE DETECTORS GOING INTO AN ALARM CONDITION, ALL OTHER DETECTORS WITHIN THE SUITE SHALL SOUND LOCALLY. WHEN TWO OR MORE DETECTORS GO INTO ALARM ALL DETECTORS SHALL SOUND LOCALLY AND IN ADDITION, A SIGNAL SHALL BE SENT TO THE MAIN CONTROL PANEL. EACH BEDROOM COMBINATION SMOKE/CO DETECTOR SHALL BE EQUIPPED WITH A 520HZ SOUNDER BASE AND EACH VESTIBULE AND HALLWAY COMBINATION SMOKE/CO DETECTOR AND TOILET ROOM HEAT DETECTOR SHALL BE EQUIPPED WITH A STANDARD SOUNDER BASE.
- 4 120V, 1P, 20A DISCONNECT SWITCH WITH PAD LOCKABLE COVER FOR ELEVATOR CAB LIGHTING, VENTILATION, AND RECEPTACLE.

**GENERAL NOTES**

1. REFER TO "T" SERIES DRAWINGS FOR TELE/DATA/CATV/LOW VOLTAGE DEVICE LOCATION AND QUANTITIES, WIRING, CONDUIT, PATHWAYS, ETC. REQUIREMENTS NOT INDICATED ON THE ELECTRICAL DRAWINGS.
2. REFER TO "S" SERIES DRAWINGS FOR SECURITY DEVICE LOCATION AND QUANTITIES, WIRING, CONDUIT, PATHWAYS, ETC. REQUIREMENTS NOT INDICATED ON THE ELECTRICAL DRAWINGS.
3. ELECTRICAL DEVICES WITH DESIGNATION "NS-F" SHALL BE CIRCUITED TO NORMAL POWER PANEL LRP-NS.
4. ELECTRICAL DEVICES WITH DESIGNATION "ONS-F" SHALL BE CIRCUITED TO OPTIONAL STANDBY POWER PANEL OSRP-NS.
5. THE FIRE ALARM SYSTEM DESIGN INDICATED ON THESE PLANS ARE FOR REFERENCE ONLY. RELEASE OF THE FIRE ALARM SYSTEM DESIGN WILL BE CONDITIONAL UPON SUBMITTAL OF SIGNED AND SEALED FIRE ALARM SYSTEM SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO DCA PRIOR TO SYSTEM INSTALLATION. REFER TO FIRE ALARM RISER DIAGRAM NOTE NO. 28 ON DRAWING E-501 FOR MORE INFORMATION.
6. THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH DATA SHEET S-40, FIRE ALARM SYSTEMS. FM GLOBAL DATA SHEETS ARE AVAILABLE AT WWW.FMGLOBAL.COM/RESEARCH-AND-RESOURCES/FM-GLOBAL-DATA-SHEETS. ONLY FIRE DETECTORS (HEAT, SMOKE, RATE OF RISE) LISTED IN THIS INSTALLATION, FM GLOBAL APPROVAL GUIDE IS AVAILABLE AT WWW.FMAPPROVALS.COM/APPROVAL-GUIDE.

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SUBMISSIONS	
NO.	DATE DESCRIPTION
1	07/14/13 CONSTRUCTION DOCUMENTS
2	08/07/13 FINAL CONSTR. DOCUMENTS

  

REVISIONS	
NO.	DATE DESCRIPTION
1A	AS NOTED CONSTR. DOC. REVISIONS
2A	AS NOTED ADDENDUM 1
2B	08/24/17 ADDENDUM 2
2D	09/08/17 ADDENDUM 6

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**CONSTRUCTION  
DOCUMENTS**  
(ISSUED FOR CONSTRUCTION)

DATE: 2017.08.07

SCALE:

DRAWN BY:

CHECKED BY:

**SHEET TITLE:**  
ELECTRICAL  
FIFTH FLOOR  
POWER &  
SYSTEMS PLAN

**DRAWING NO.:**  
**E-305**

**CCH PROJECT NO.:** 1932

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